CORRECTIVE ACTION PLANS SUBMITTED

PER ARTICLE 11, SECTION 2728 OF THE CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS

	Proposed Remedial Activities		
Site Address	Soil	Groundwater	
Thrifty Oil #380 15501 Beach Boulevard, Huntington Beach	vapor extraction (dedicated system)	na	
TOSCO/76 #5792 4002 BALL ROAD, CYPRESS	N/A	INTERIM: SIX-8-HOUR, GROUNDWATER WELL OVERPURGE EVENTS.	
Arco #5168 3659 Central Avenue, Riverside	multiple (mobile) hi-vacuum dual phase extraction events lasting 24-48 hours each	multiple (mobile) hi-vacuum dual phase extraction events lasting 24-48 hours each	
Arco #1998 5472 Orangethorpe, La Palma	vapor extraction (ongoing)	Addition of 3 air-sparge wells to VES configuration	
Arco 6060 21452 Brookhurst Street, Huntington Beach	Hi-vacuum vapor extraction (upgraded unit) with thermal oxidation	HVDPE system AND gropundwater extraction (pump and treat) to remove LPH, then five (5) air-sparge wells will be incorporated into HVDPE configuration	
Thrifty Oil #303 (ARCO 9677) 2351 E. Orangethorpe Aveneu, Fullerton	Interim remediation - Three (3) extended vapor extraction events with additional mobile treatment events on SB-1		
G & M Oil Company 9225 Brookhurst Street, Garden Grove	Installation of (2) two vapor extraction wells, extended pilot testAKA interim source reduction		
	Thrifty Oil #380 15501 Beach Boulevard, Huntington Beach TOSCO/76 #5792 4002 BALL ROAD, CYPRESS Arco #5168 3659 Central Avenue, Riverside Arco #1998 5472 Orangethorpe, La Palma Arco 6060 21452 Brookhurst Street, Huntington Beach Thrifty Oil #303 (ARCO 9677) 2351 E. Orangethorpe Aveneu, Fullerton G & M Oil Company 9225 Brookhurst Street,	Thrifty Oil #380 15501 Beach Boulevard, Huntington Beach TOSCO/76 #5792 4002 BALL ROAD, CYPRESS Arco #5168 3659 Central Avenue, Riverside Arco #1998 5472 Orangethorpe, La Palma Arco 6060 21452 Brookhurst Street, Huntington Beach Thrifty Oil #303 (ARCO 9677) 2351 E. Orangethorpe Aveneu, Fullerton G & M Oil Company 9225 Brookhurst Street, Installation of (2) two vapor extraction wells, extended pilot testAKA interim source	

Date Plan		Proposed Remedial Activities		
Received	Site Address	Soil	Groundwater	
11/16/2001	Arco Station #1887 16742 Beach Boulevard, Huntington Beach	Extended VES event was performed (7 months) Seven (7) groundwater/Ten (10) vapor wells connected to 3 manifolds. System is not currently operating, pending procurment of SCAQMD permit for a fixed system.	See above.	
11/20/2001	Thrifty Oil #077(former)-ARCO 9551 280 Foothill Boulevard, Rialto	Interim remediation - Five (5) 12-hour vapor extraction events with permanent system to be installed	NA	
11/20/2001	ARCO Station #6116 17520 Brookhusrt Street, Fountain Valley	5-day extended vapor extraction event	Groundwater extraction (ongoing)	
11/26/2001	Thrifty Oil #342 3570 Cebtral Avenue, Riverside	Interim VES on three (3)wells, 12hours/day-5days/wk for three weeks, followed by dormant (rebound periods) of 2-4 weeks. Deadline for Long-term soil/groundwater remediation plan due 11/30/01.	See above. Deadline for Long-term soil/groundwater remediation plan due 11/30/01.	
11/26/2001	Thrifty Oil #370 13501 Magnolia Avenue, Garden Grove	Overexcavation of UST zone in conjunction with operators (ARCO) plans for a station UST replacement project in Late 2001/early 2002 AND VES system pulsing.	Overexcavation of UST zone in conjunction with operators (ARCO) plans for a station UST replacement project in Late 2001/early 2002. Overex below groundwater (18'bgs) to reduce contaminant mass.	
12/5/2001	Thrifty Oil Company #325 2187 West Highland Avenue, San Bernardino	Short-term vapor extraction event- three (3) five-day periods of operation, with 5-week rebound periods between each event		

Date Plan		Proposed Remedial Activities		
Received	Site Address	Soil	Groundwater	
12/7/2001	Arco #1055 9001 Garden Grove Boulevard, Garden Grove	VES system to be restarted to as countermeasure control for City's dewatering/street construction project	Groundwater extraction system to be restarted to as countermeasure control for City's dewatering/street construction project	
12/11/2001	Thrifty Oil Company #129 10120 Central Avenue, Riverside	Soil vapor extraction	N/A	
12/19/2001	Valet Car Wash 14571 Brookhurst Street, Westminster	Results of 5-day interim HVDPE event resulted in recommendation of scale-down but permanent system for treatment of soil contamination	Results of 5-day interim HVDPE event resulted in recommendation of scale-down but permanent system with augmentation of groundwater remediation by air-sparge or pump/treat.	
12/20/2001	Former Unocal #0014 (Palm Springs Oil) 6002 Van Buren Blvd., Riverside	Soil Vapor Extraction	Pump and Treat	